Chapter 6 videos archive

**Lesson 5: Percents as Ratios**

5d/e - Markups and Discounts

[Find amount of discount](http://www.phschool.com/atschool/academy123/english/academy123_content/wl-book-demo/ph-062s.html)

[Find amount of markup](http://www.phschool.com/atschool/academy123/english/academy123_content/wl-book-demo/ph-839s.html)

**5c - Percent Change**

[Percent increase](http://www.phschool.com/atschool/academy123/english/academy123_content/wl-book-demo/ph-060s.html)

[Percent decrease](http://www.phschool.com/atschool/academy123/english/academy123_content/wl-book-demo/ph-061s.html)

**5b - Proportions and Percents**

[Find part of a whole using proportions](http://www.phschool.com/atschool/academy123/english/academy123_content/wl-book-demo/ph-900s.html)

**5a - c Percent, Fraction, Decimal equivalents and Finding a percent of a number**

[Define percents as ratios](http://learnzillion.com/student/lessons/593)

[Visualize percent using 100s grid](https://learnzillion.com/lessons/594-visualize-percents-using-10-x-10-grids)

[Find percent using a ratio table](http://learnzillion.com/student/lessons/598)

[Find part when percent and total are known](https://learnzillion.com/lessons/596-find-the-part-when-the-percent-and-total-are-known)

[Find total when part and % are known](https://learnzillion.com/lessons/597-find-the-total-when-the-percent-and-part-are-known)

**Lesson 4: Ratios for Measurement conversions**

[Convert measurement units using ratio tables](http://learnzillion.com/student/lessons/592)

**Lesson 3: Proportions**

[Using a table to determine proportionality](http://learnzillion.com/student/lessons/1865)

[Solving proportions using cross products](http://www.phschool.com/atschool/academy123/english/academy123_content/wl-book-demo/ph-166s.html)

**Lesson 2: Rate relationships**

**2B - Problem solving**

[Solve using a rate table](http://learnzillion.com/student/lessons/612-solve-for-missing-values-in-rate-problems-using-a-table)

[Solve using multiplicative reasoning](http://learnzillion.com/student/lessons/614-solve-rate-problems-using-multiplicative-reasoning)

[Graph rates](http://learnzillion.com/student/lessons/615-graphing-rate-problems-using-a-table)

**2A - Rates and unit rates**

[Understand rates as a type of ratio](http://learnzillion.com/student/lessons/839-understand-rates-as-a-type-of-ratio)

[Create unit rates using a tape diagram](http://learnzillion.com/student/lessons/841-create-unit-rate-using-tape-diagram)

**Lesson 1:**

**1B - Problem solving**

[Solve using a ratio table](http://learnzillion.com/student/lessons/608-solve-missing-values-in-ratio-problems-using-a-table)

[Solve using multiplicative reasoning](http://learnzillion.com/student/lessons/610-solve-missing-values-in-ratio-problems-using-multiplicative-reasoning)

[Graph ratios](http://learnzillion.com/student/lessons/611-graph-ratios-using-a-table)

**1A - Ratio relationships**

[Identify all types of ratios using a diagram](http://learnzillion.com/student/lessons/601-identify-all-types-of-ratios-using-a-diagram)

[Understand the difference between ratios and fractions](http://learnzillion.com/student/lessons/602-understand-the-difference-between-fractions-and-ratios)

[Understand the importance of order in ratios](http://learnzillion.com/student/lessons/603-understand-the-importance-of-order-in-ratios)

[Create equivalent ratios](http://learnzillion.com/student/lessons/606-create-equivalent-ratios)

[Simplify ratios using common factors](http://learnzillion.com/student/lessons/607-simplify-ratios-using-common-factors)